

Advanced technology to make your life better.

You can look to the future with Commodore International.

Commodore International was founded in 1958, primarily as a marketing organization for electro-mechanical office equipment. In 1970, Commodore took on a new dimension, manufacturing high quality pocket calculators and investing heavily in new technology.

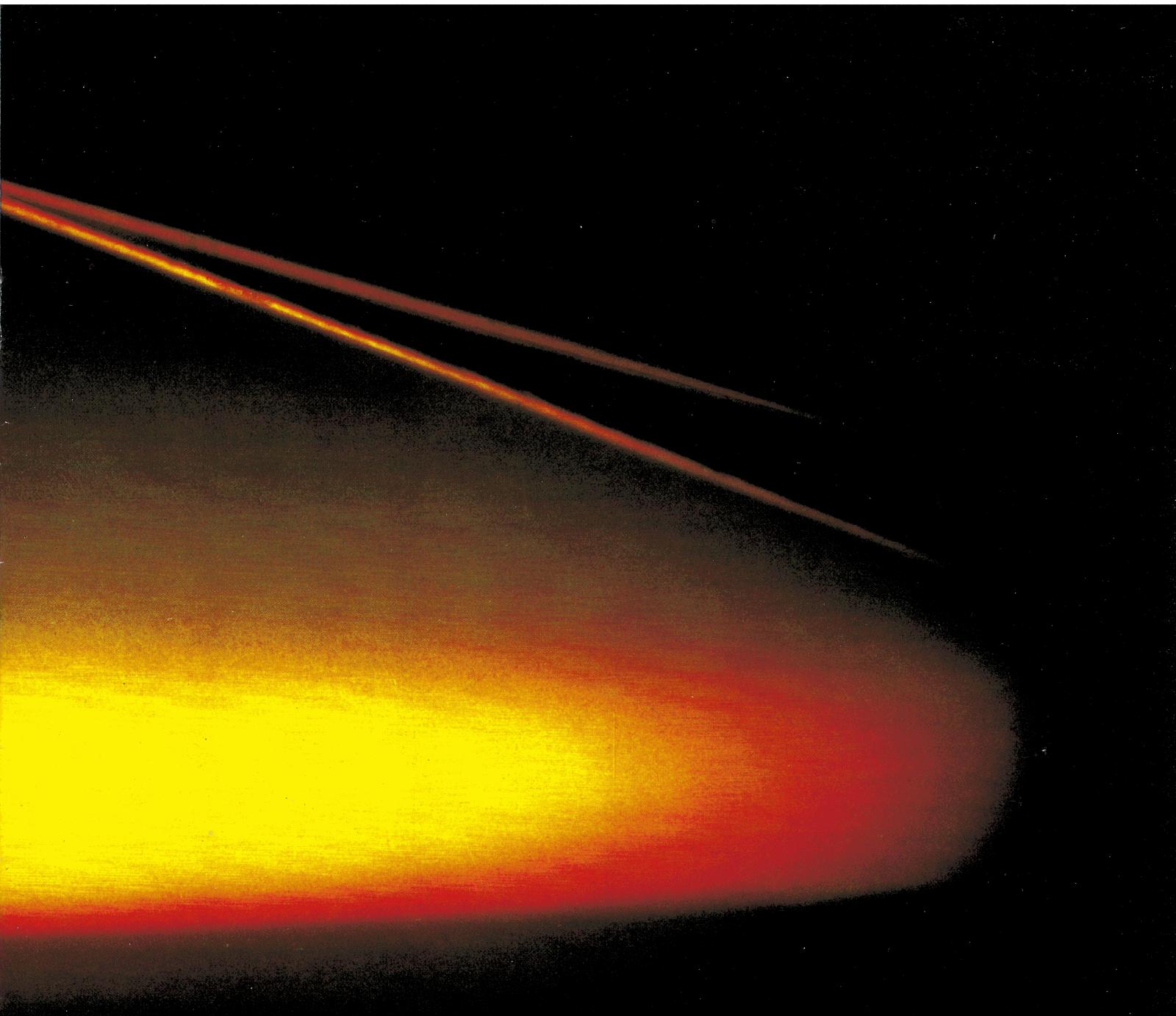
In the decade that followed, Commodore rapidly became a leader in microelectronics. It became the

world's leading manufacturer of components for electronic watches; introduced the world's first microcomputer; and began to develop and manufacture electronic energy conservation products.

The word "International" in our name truly reflects Commodore's worldwide activity. In the United States, Commodore manufacturing facilities are located in Pennsylvania, Texas, and California. In addition, Toronto,

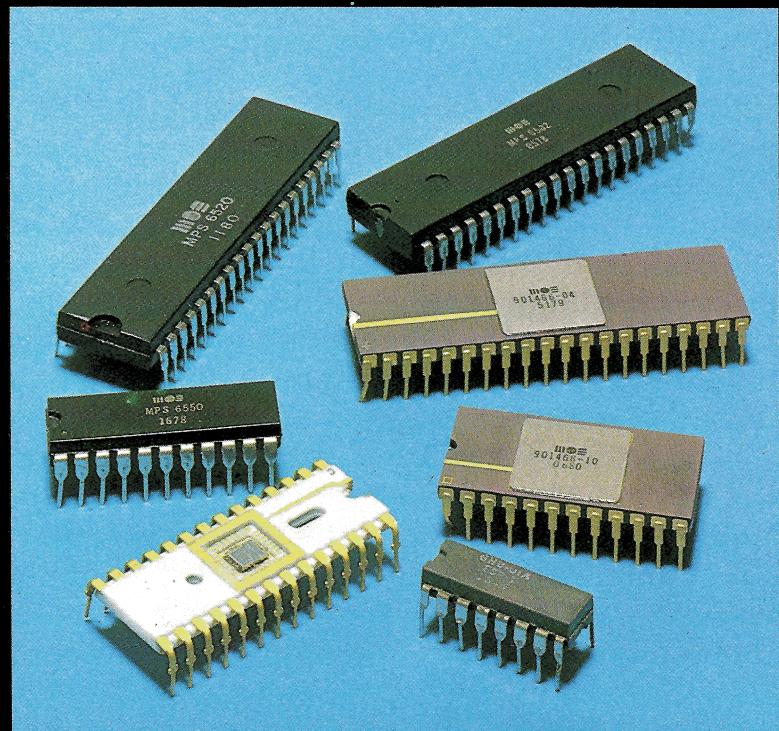
Canada; Braunschweig, West Germany; and Osaka, Japan are sites of Commodore facilities. And most recently, Commodore began partial processing of LCD's (liquid crystal displays) in Canton, the People's Republic of China.

Commodore organizations and distributors are found in every country in Europe, Bahrain, Kuwait, Morocco, Oman, Qatar, Saudi Arabia, United Arab Emirates, Hong Kong, Indonesia,



Japan, Malaysia, Tahiti, Thailand,
Singapore, Australia, New Caledonia,
New Zealand, Argentina, Chile,
Columbia, Peru, and Venezuela.

In peace and quiet,
we research the future.



A landscape photograph showing a field under a hazy sky. In the foreground, there's a dark wooden fence. Behind it, a large tree with dense foliage stands prominently. The background is a soft-focus view of rolling hills or fields under a pale, yellowish sky.

Many of the world's finest scientific engineers gather to discuss and develop the future of microelectronics in an atmosphere conducive to discovery.

Commodore's results have been enviable. Our computer-on-a-chip made the microprocessor possible. We have developed enhanced Random Access Memory (RAM) and Read Only Memory (ROM), including the 64K ROM, a semiconductor that can store up to 64,000 bits of information on a single chip. Our advancements in liquid crystal technology have given the world digital watch and calculator displays, as well as a potential replacement for the cathode ray television tube.

More recently, Commodore developed the Video Interface Chip (VIC), which combines ROM, RAM, and video control circuitry—all on the same chip, thus permitting the interface of a computer with a color TV. The "four-inch wafer" contains almost twice as many semiconductor chips as its predecessor, the three-inch wafer. And the extension of microcomputer technology to a built-in monitor allowed the development of an 80 column display.

All around the world, Commodore is developing new technologies to make everyone's tomorrow a better one.

The computer becomes a friendly tool.



Commodore International took computer technology and adapted it to meet individual needs.

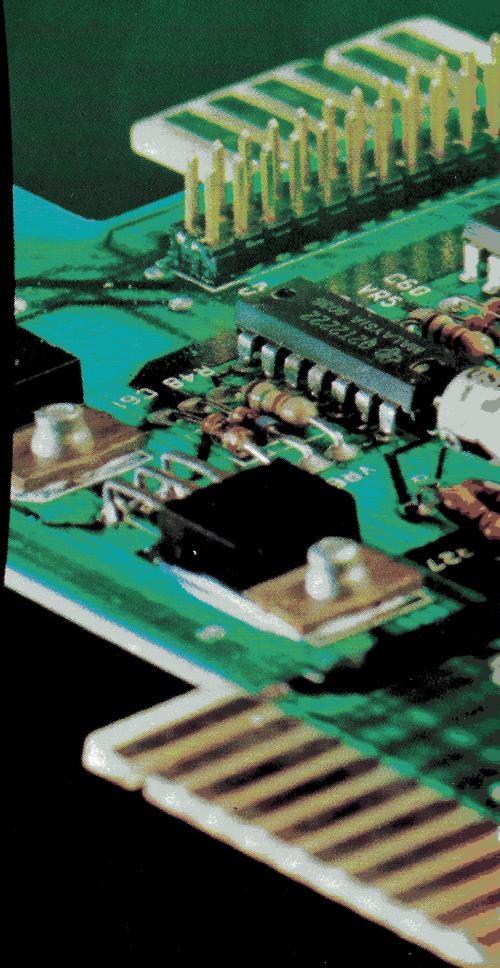
This was made possible by the development of the Commodore microprocessor, the computer-on-a-chip that resulted from a Commodore decision to place its faith and its future in human resourcefulness.

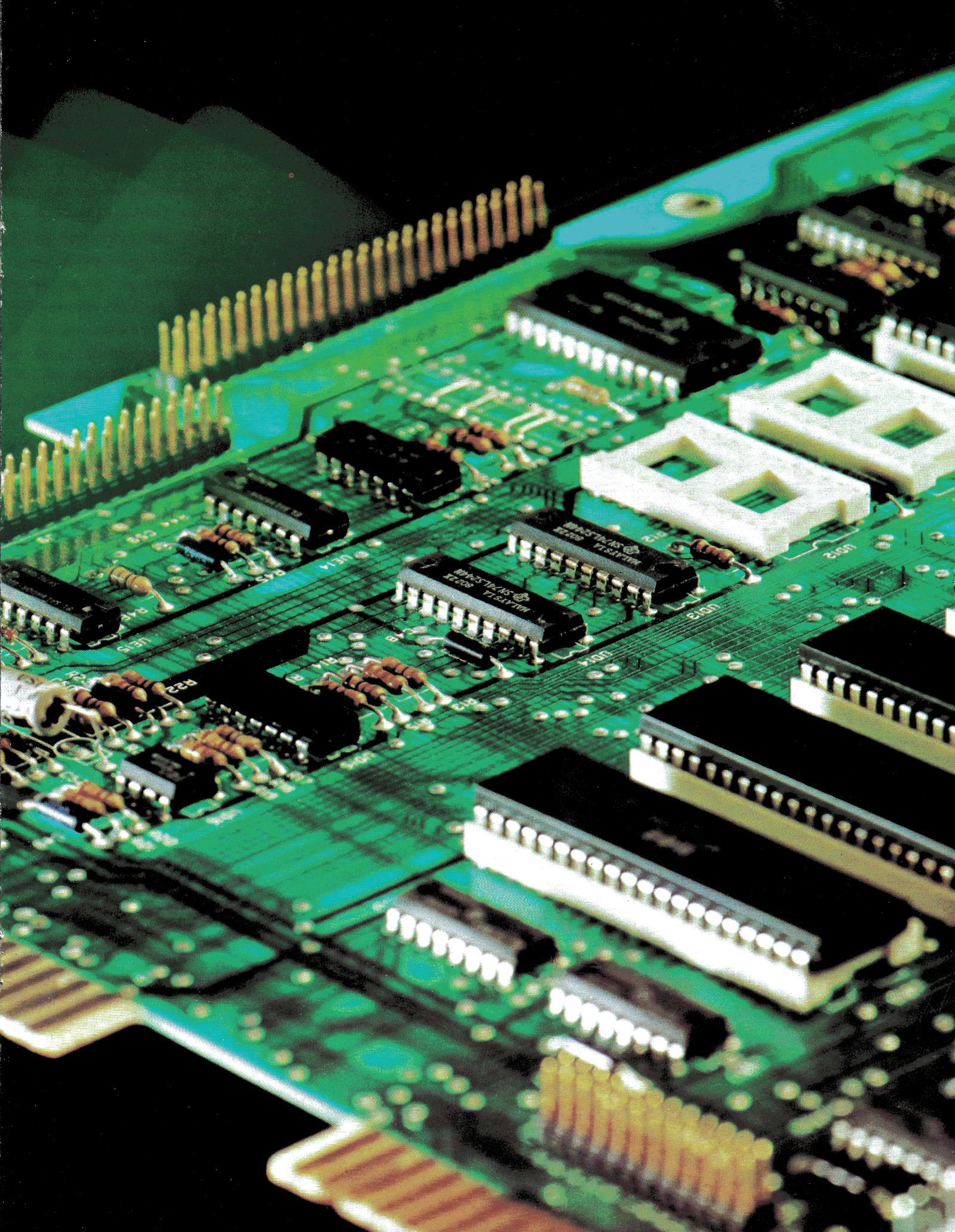
There are now about 200 different microcomputers on the world market, but Commodore distinguishes itself from the others quite clearly. Commodore developed microcomputer technology and remains a giant step ahead. Commodore computers represent our vertical integration, meaning we control all aspects of our

production—from design through assembly.

It is this technological lead that permitted Commodore to create computers that support individuality, creativity, and intelligence. Commodore computers do not replace people, rather, they allow the individual to develop and extend his or her capabilities and talents.

Commodore computers have benefited those segments of society otherwise unable to work, or even communicate fully. We are proud of our involvement with the disabled through international projects designed to help such individuals lead fuller, more productive lives.





Computers that help you reach

The Commodore CBM 8000 Series

The CBM 8000 Series computer is ideally suited to meet the growing and ever-changing needs of the business market. An effective tool in management decision-making, the CBM 8000 Series computer will also greatly increase office productivity.

The Commodore PET 4000 Series

The PET 4000 Series computer offers individual learning control in the educational environment. Its streamlined configuration and ease of use makes it an excellent tool for both students and teachers. Like its companion 8000 Series, this computer has proved popular as an instrumentation controller, as well as in many small business situations.

The Commodore SuperPET 9000 Series

The SuperPET 9000 Series is a new generation computer combining the capabilities of a larger mainframe system with the low cost of a microcomputer. The SuperPET provides 134K of memory and dual microprocessors. The SuperPET executes Waterloo microBASIC, microPascal, microFORTRAN, microAPL, and 6809 Assembler, as well as standard 8000 Series software.

The SuperPET 9000 Series can operate as a stand-alone system, as a mainframe system development tool with upload/download capabilities, and as an educational tool for training in languages and system design.



and expand your capabilities.

The Commodore VIC 20 Computer Series

The VIC 20 is the world's first full-featured, expandable color computer at an affordable price. The VIC 20 is designed so everyone in the family, young or old, can operate it with ease and confidence. Yet, this low-cost personal computer can be expanded to meet the sophisticated needs of experienced programmers, hobbyists, and educators.

Highlights of the VIC include: color, sound, programmable function keys, memory expansion to 32K, standard PETBASIC, a full-sized typewriter keyboard, external expansion ports, high resolution graphics, graphics character set, joystick/paddles/lightpen, and external plug-in memory cartridges.

The Commodore Cash Register Series

Commodore has expanded its commitment to developing affordable and reliable microcomputers with the evolution of innovative point-of-sale terminals. These flexible, sophisticated, and cost-efficient products will revolutionize the cash register market.

The Commodore Cash Register Series computers can be incorporated into various applications such as food stores, general merchandise, fast food, bar and restaurants, and other specialized areas.

Now, with business computers and cash registers, the Commodore product line provides a total system —from point of sale to the back office.



Computers designed to help school children, businessmen, professionals and technical experts.



Commodore Computers are being used in virtually every aspect of life—business, education, engineering, process control, science, research, and entertainment. Our computers are used by all types of people—accountants, advertising people, bookkeepers, dentists, doctors, lawyers, students, hobbyists, and even in the home.

Commodore computers are reliable tools in environments that range from utility workshops to manufacturing processes and scientific laboratories, and even as "sit-in" chess partners.

Much of our computers' popularity is due to Commodore's built-in user

friendliness. Most people can learn to operate our computers in a matter of hours. Programs display messages on the screen instructing the user what to do next, and also inform the user how to correct an error.

That is why Commodore has become the world's foremost educational computer. Entire school systems use Commodore because of high performance and reliability, at affordable prices. Many school systems throughout the world, after careful evaluation, have selected Commodore for their educational application needs.

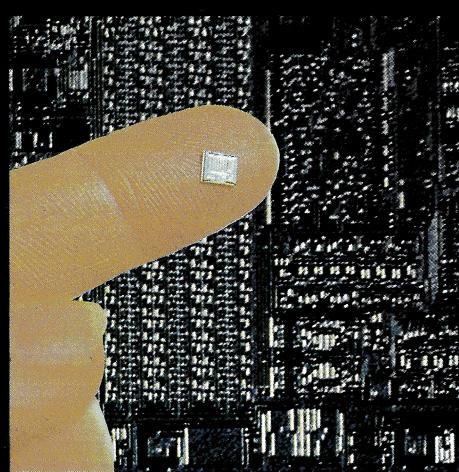


Millions of watch parts annually keep mankind on time.

The semiconductor is the basic component of all Commodore products. It is also the basic component of liquid crystal display (LCD) watches. Each semiconductor chip contains integrated circuitry to perform as many as 20,000 functions and includes supporting electronic elements such as transistors, diodes and capacitors.

Each year, Commodore International provides the watch industry with millions of semiconductors and LCD's. As with microcomputers, Commodore's success in the area of optoelectronics is founded on strong research and development and a commitment to constantly advancing state-of-the-art.

Commodore's recent developments include complementary metal oxide semiconductors (CMOS). This low-power semiconductor technology is providing the basis for a new generation of calculators, games, watches, and "hand-held" computers.





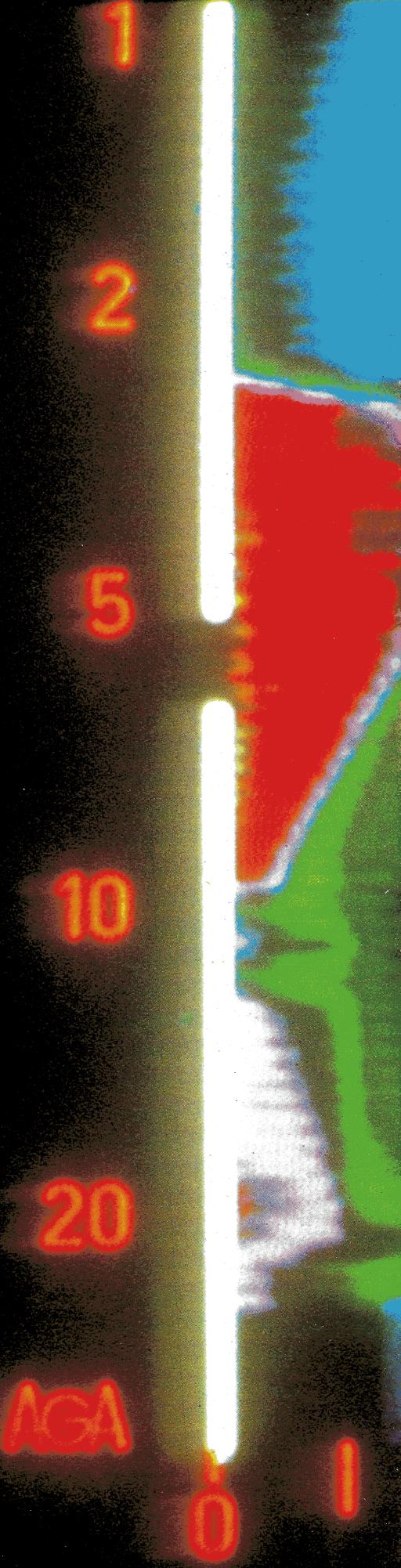
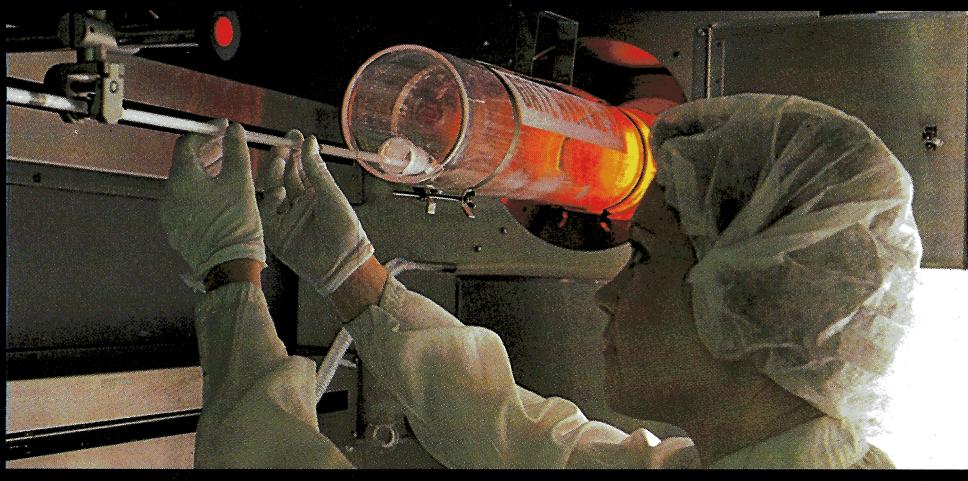
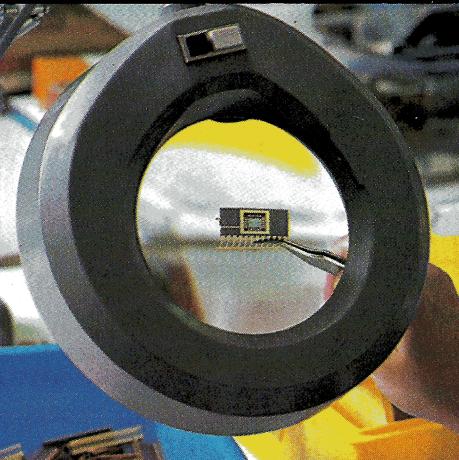
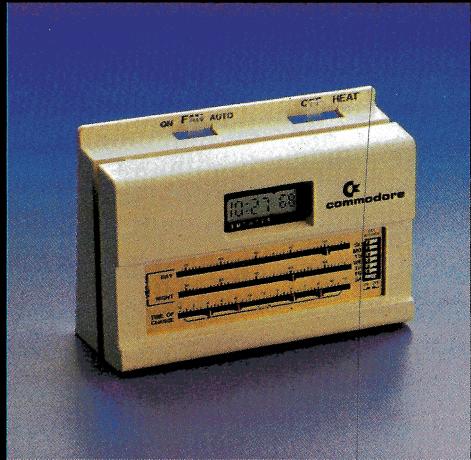
New dimensions in energy conservation.

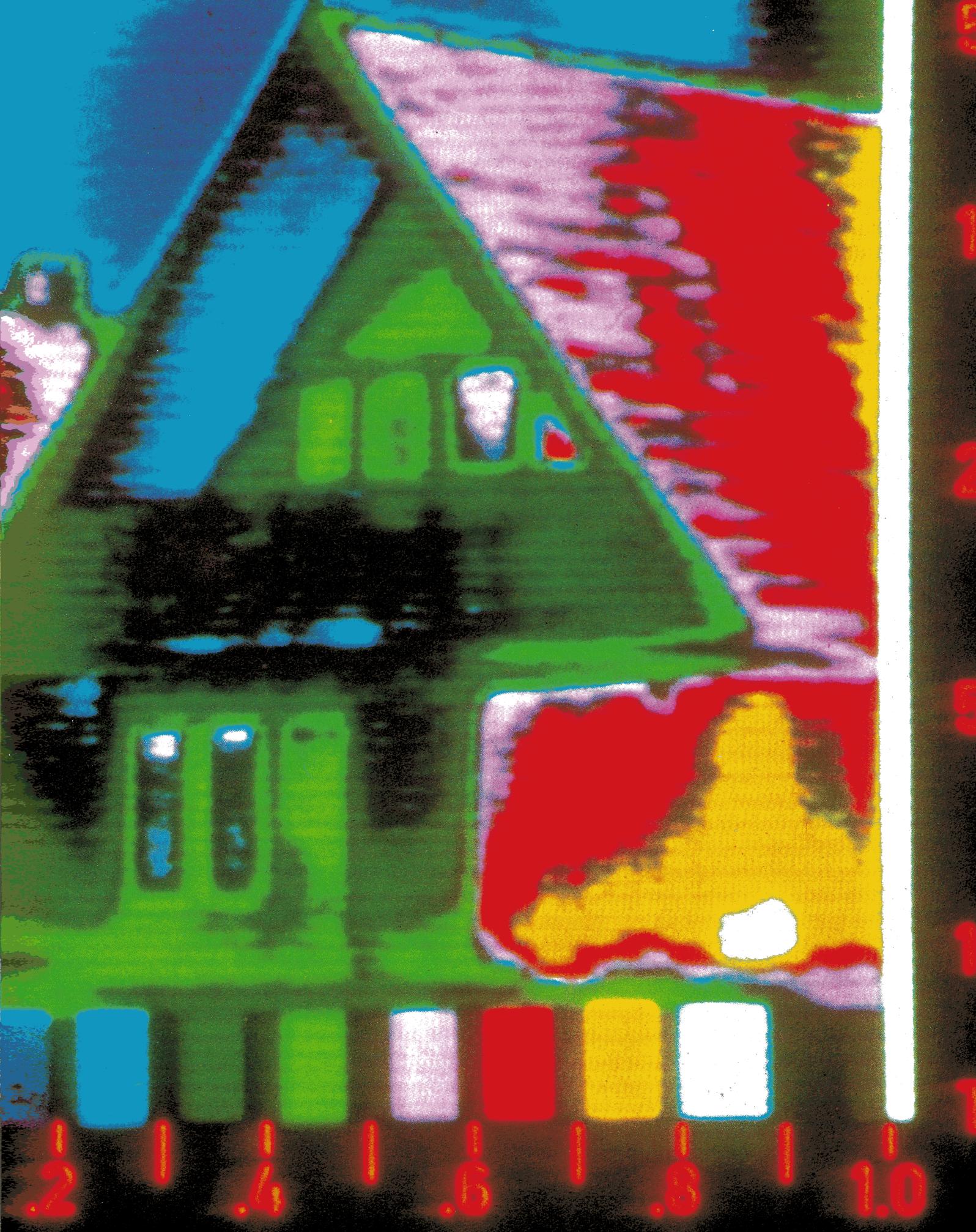
One of Commodore's major goals for the coming years is to develop microelectronic products that help reduce energy consumption without having to sacrifice comfort. Progress has already been made in this direction.

Among the new products developed by Commodore is an "energy computer" electronic programmable thermostat for use in the home or office. It can be programmed for as many as four temperature changes per day on a weekly basis. The thermostat can be used to regulate both heating and air conditioning systems.

Another new energy saving product being developed will lower the power required by fluorescent lighting systems as much as 20%.

There is also a lighter side to the research and creativity carried on by Commodore International. You may be hearing it soon—the world's first musical greeting card.







commodore
COMPUTER

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